Notice of Allowability	Application No.	Applicant(s)	
	09/940,179	MASSEY, STUART E.	
	Examiner	Art Unit	
	Joshua Joo	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/22/2006*.

2. ☒ The allowed claim(s) is/are *1-4 and 8-10*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 12/8/2006
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given by Attorney Craig N. Killen, Reg. No. 35,218 on February 7, 2007.

3. The application has been amended as follows:

1. (Currently Amended) A method of performing transactions between disparate systems in a computing environment, said method comprising steps of:

(a) receiving a first message in a first message format from an originating system, said message having request data indicative of a transaction request;

(b) at a first interface, evaluating said first message to ascertain said request data;

(c) said first interface further applying a predetermined criteria to said request data so as to generate a context data structure organizationally independent of said first message format, said context data structure containing a plurality of data elements indicative of said transaction request, wherein said context data structure further includes an object identifier that refers to a configuration object that is indicative of the transaction request;

(d) routing said context data structure to an appropriate service system through ~~application~~ use of ~~topological~~ configuration objects such that at least one ~~to a~~ predetermined ruleset is invoked so that said transaction request can be responsively fulfilled by acting upon said plurality of data elements of said context data structure according to said at least one predetermined ruleset, said ~~topological~~ configuration objects being modifiable independently of said at least one predetermined ruleset,

wherein said configuration object corresponds to an associated predetermined ruleset of said at least one predetermined ruleset, and looking up said configuration object that is associated with the object identifier to invoke said associated predetermined ruleset; and

wherein said configuration object further comprises an object type, an object id, an object name, and an object version, and at least one of said object type, said object id, said object name, and said object version is used to identify said configuration object;

(e) fulfilling said transaction request at said service system and indicating ~~same~~ the fulfilled said transaction request to said first interface; and

(f) issuing via said first interface a second message to said originating system in said first message as a first response message to said transaction request.

2. (Previously Presented) The method as set forth in claim 1, wherein said first interface includes a network agent and an interface agent, said network agent being operative to extract said request data from said first message and said interface agent being operative to produce said transaction request therefrom.

3. (Previously Presented) The method as set forth in claim 2, wherein said service system includes a server agent in communication with said interface agent.

4. (Previously Presented) The method as set forth in claim 3, wherein said agents communicate with each other via message queues.

5-7. (Canceled)

8. (Previously Presented) The method as set forth in claim 1, wherein said step of fulfilling said transaction request comprises:

(g) at a second interface, issuing a third message in a second message format to an auxiliary system requesting information;

(h) receiving a second response message at said second interface in said second message format containing said information; and

(i) extracting said information from said second response message at said second interface and providing said information to said service system.

9. (Previously Presented) The method as set forth in claim 8, wherein said first message format and said second message format are different protocols.

10. (Previously Presented) The method as set forth in claim 8, wherein said first message format and said second message format are equivalent protocols.

11-18. (Canceled)

Drawings

4. Corrected drawings filed 11/27/2006 are accepted.

Information Disclosure Statement

5. The information disclosure statement (IDS) submitted 12/8/2006 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is considered by the examiner.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua Joo who telephone number is 571 272-3966. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on 571 272-1915.

April 10, 2007
JJ

NATHAN FLYNN
SUPERVISORY PATENT EXAMINER